

CONSTRUCTION VALUE ENGINEERING CONCEPT PROPOSAL  
MISSOURI DEPARTMENT OF TRANSPORTATION

Contract ID 071130-804 Job No. J8P0591-J8P0844  
County Dallas/Greene Route 65 Original Bid Cost \$19,716,630.94  
Contractor Emery Sapp and Sons Inc. By Dan Hall  
Designed By MODOT Phone (573) 489-7285

Date 01/24/2008

**1. Description of existing requirements and proposed change(s). Advantages/Disadvantages**

Existing requirements- Cause all marketable timber to be cut and removed from the project. No burning is allowed. An advantage of this is that the non-marketable timber can be reduced to mulch and used as erosion control. A disadvantage is the high cost of grinding. We propose to use a local logging contractor to identify and harvest timber that will be accepted at the local saw mills. Where possible and with written permission from property owners remaining trees and tree tops will be deposited on adjacent properties for

**2. Estimate of reduction in construction costs.**

\$120,000.00

**3. Prediction of any effects the proposed change(s) will have on other department costs, such as maintenance and operations.**

None

**4. Anticipated date for submittal of detailed change(s) of items required by Section 104.6 of the Specifications.**

01/24/2008

(date)

**5. Deadline for issuing a change order to obtain maximum cost reduction, noting the effect of contract completion time or delivery schedule.**

02/08/2008

(date)

slowed progress

(effect)

**6. Dates of any previous or concurrent submission of the same proposal.**

N/A

(date and/or dates)

**Additional Comments:**

use as wildlife habitats, erosion control, and a supply of fire wood that can be harvested at the owners leisure. The remaining material will be burned in compliance with local regulations. A disadvantage to this is the loss of mulch from the grinding operations for use as erosion control that would allow us to open greater acreages to progress the work and assist in an early completion. We have included \$30,000 in our price to provide temporary mulch to offset the disadvantage. The obvious advantage to this method is cost savings.

**\*\* Portion Below This Line To Be Filled Out by MoDOT \*\***

**Comments:**

See attached sheet.

Dennis Krenning

Submitted By Resident Engineer

2/15/07

Date

**Comments:**

☒ Approval  
Recommended

☐ Rejection  
Recommended

Anthony M. M. for Kirk Juranas

District Engineer

2/19/08

Date

**Comments:**

☒ Approval

☐ Rejection

David D. Goores

State Operations Engineer

3-3-08

Date

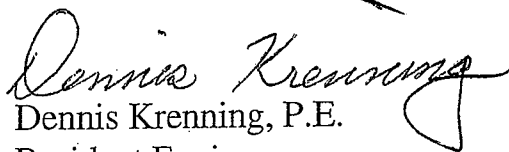
Distribution:

Resident Engineer, District Operations Engineer, State Operations Engineer  
\*Value Engineering Administrator - \*MoDOT, P.O. Box 270, Jefferson City, MO 65102

OK 2/23/08  
3-3-08

Value Engineering Proposal  
Rte. 65, Dallas/Greene County  
Job No. J8P0591 & J8P0844

I recommend approval of this VE Proposal provided all conditions of Missouri Standard Specifications Section 201.2.5.1 are followed along with providing a copy of these permits to the project office. In addition to this, the burn piles need to be kept at least 100 yards from the stream banks and erosion control measures need to be installed prior to burning to prevent the ashes etc. from getting into the stream in case there would be a major rainfall event after some of the timber has been burnt.

  
Dennis Krenning, P.E.  
Resident Engineer



**MEMORANDUM**  
**Missouri Department of Transportation**  
**Construction**  
**Buffalo Project Office**

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**TO:** Jim McDiarmid  
District Construction and Materials Engineer

**FROM:** Dennis Krenning *D.K.*  
Resident Engineer

**DATE:** February 15, 2008

**SUBJECT:** Value Engineering Proposal  
Rte. 65, Dallas/Greene Counties  
Job. No. J8P0591 & J8P0844

Attached is a Value Engineering Proposal along with my recommendation to approve and my comments provided on an attached sheet.